

INSTEEL INTRODUCES OUR MODERN TAKE ON A CLASSIC SYSTEM!

All industries, the electrical industry included has been facing divergent forces in 2009. Recession talk, consolidation, inflation, wild copper and steel pricing, and skyrocketing fuel costs ... with these headaches pounding on the industry, one might expect us manufacturers not to be the most optimistic bunch!

Insteel bucks this trend! Our long-term development plans are proving fruitful and REXWAY Steel Cable Management Systems are now more finely tuned, improved and absolutely functional versions of the classic system...

We're showcasing REXWAY Steel Cable Management Systems at **Power Generation and Water Solutions Middle East, 11-132 October 2009, Abu Dhabi National Exhibition** with zeal and optimism! Do come visit us at **Stand No. C8 (Hall 5)**.

Why Rexway Conduit Systems? **We've improved for ease of wire pulling and pushing** - a significant market differentiator in choosing steel conduit systems is the internal friction of the walls in contact with the wires. The higher the friction, the shorter the distance wires can be pushed or pulled. Every care is taken to ensure REXWAY Conduit systems are clean and even. Notably, the conduits internal beads are removed by manual scarfing, and the fittings interiors are debris free, and sharp edges removed. The interior of REXWAY conduit systems are functional in their grounding/earthing capabilities and the ever essential even, clean interior reduces friction for easy wire pulling and pushing. This really minimizes problematic snagging.

REXWAY BS conduit boxes are custom manufactured from malleable iron, and hot dipped galvanized. Malleable and cast iron looks very similar, thus the choice between malleable and cast iron is often based on economics rather than properties. In the application of conduit fittings it is important that they do not crack when faced with any external impact because it will compromise the entire cable management systems grounding conductor and EMI shielding capabilities as well as leave the encased circuit damaged or exposed!

REXWAY malleable cast iron conduit boxes have these distinct advantages;

- Fittings retain good impact resistance, even at low temperatures, and
- Fittings possess high wear resistance.

We've improved to offer the most superior galvanizing REXWAY electrical steel conduit, galvanizing is done by hot-dipping (HDG) the bare steel conduit pipes into a molten zinc bath. HDG is widely regarded as offering the most superior of corrosion protection available because the zinc coating is very difficult to compromise.

Because of the above, HDG Conduit is the chosen finish for more demanding environments such as heavy industries like oil and gas, airports and seaports. Conduits' zinc coatings also need to comply to set standards to ensure adhesion and flexibility as the finished product will most likely undergo bending during installation.

REXWAY conduits and fittings are also available in the following finishes:

- Pre-Galvanized conduit is made from steel coil that has been zinc coated by a hot dip process. Steel strip from a coil is fed through a continuous zinc coater that cleans fluxes and coats the steel with molten zinc. After cooling, the steel is recoiled and thereafter manufactured into conduit.
- Electro Galvanized is the process whereby zinc is electrochemically applied to the steel conduit after production.

We've improved the precise threading; minimizing installation time. REXWAY conduit and fittings precise thread ensures a clean, smooth, perpendicular finish. This ensures a straight coupling position resulting in a continuous conduit line. The perpendicular thread finish facilitates easy fitting of conduit accessories which minimizes installation times.

We've improved assuring accurate field bending, cutting, threading and reaming. Cutting, threading and bending of REXWAY conduits can easily be done in the field or shop using a variety of standard equipment. Cutting leaves a sharp edge or burrs on the inside of the conduits and must be removed by reaming. This is to avoid cutting into the insulation when the conductors are pulled into it.

REXWAY Cable Management Systems conform to the following British and American Standards:

- BS 4568 Part 1 : 1970
- BS 4568 Part 2 : 1970
- BS EN 50086-1 : 1994
- BS EN 50086-2 : 1996
- BS EN 61386-21 : 2004
- ANSI C80.3 - Electrical Metallic Tubing (EMT)

Why Insteel?

In an ever changing market, Insteel has forged itself a respected industry name... We go beyond the call of duty, get to the root of the issues and work really, really hard. Never satisfied with mediocrity, we strive to achieve more, often asking "how can we improve?" After all, if you're not passionate about it, why do it! Do we think out of the box? Actually, we don't believe there is a box! Established in 1998, we've broadened our horizons and are poised, ready to face the challenges ahead, whilst always mindful of our absolute conviction towards integrity and reliability.....

Insteel believes that business is about relationships - long-term relationships. The support of our business partners both customers and suppliers alike, is essential to the very vision and enthusiasm of Insteel.

TOGETHER WE ARE BETTER